I Rt & Final E-Bill

Recorded on:-

Job Number: 004-23-000006

M. A. R. 57 (Rule 116)

Measurement Book

No. E Est Cost:- 40.00 Lakhs

Work order no:- BBMP/EE/YNK.D/EPMT-12/W.O/51/2022-23

Serial No. 586822

Name of work Construction of public toilet at Attur Bus Stop in Attur ward no-04 of Yelahanka Satellite Town Sub division.

Name of Contractor or nature of Agency Sri. C. Heeraj Gopinath, (Sri Krishnan Constructions) No:13/1, Attur Layout, 6th Cross, Sarathbhagar, Yelahanka, Bangalore-560064.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications. Quantity vide, As per E-Bill:- 114.41 m^3 @ Rs. 200.00						22,882.00
(2)	Providing and filling in foundation with granite/trap broken metal 100 mm and down size, with approved sand including hard packing ramming watering, including cost of all materials and labour with all lead and lift, Complete as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, As per E-Bill:-				8.31 m^3	
						CRS. 2817.10	23,406.72
	③ Providing and laying in position plain cement concrete for levelling course for all counts in foundation. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes mixing mixed as per Specifications.						
		Quantity vide, As per E-Bill:-				15.27 m^3	
						CRS 6109.40	93290.54
	④ Providing and laying in position Reinforced cement Concrete for all Sub Structures of building, Irrigation works						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586823

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Sub structure works of bridges, Drain covers & other parallel covers from 0.50m to 3.50m height. etc as per Specification.					
	Quantity vide, As per E-Bill:-				4.91 m^3	
	CRS. 6468.00					31,757.88
(5)	Providing Size Stone masonry with hard Stone in foundation & plinth with cement mortar 1:6 (1 cement : 6 Coarse Sand)					
	Quantity vide, As per E-Bill:-				27.49 m^3	
	CRS. 5887.20					1,61,813.37

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

(6) Earth work excavation by manual means for drains, Canal, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils clear Per Specifications.

Quantity vide, AR per E-Bill:- 402.75 m^3

CRS. 204.60 82,402.65

(7) Filling available excavated earth (excluding rock) in trench plinth sides of foundations and other similar works clear Per Specifications.

Quantity vide, AR per E-Bill:- 62.44 m^3

(8) Loading and unloading of Stone Boulder/ stone aggregates/ CRS. 224.40 14,010.43

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586821

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sand/ Kankar/ moorum. etc as per Specifications. Quantity vide As per E-Bill:- 452.63 m^3 CRS. 81.40						36,844.08
(9)	Cost of Haulage excluding loading and unloading Taking output 10t load and lead 1010m = 100 t. km etc as per Specifications. Quantity vide As per E-Bill:- 579.37 tkm CRS. 105.60						61,181.47
(10)	Providing and Constructing laterite Size Stone masonry inclu						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	-ing Cost and Conveyance of all materials curing etc Complete as Per Specifications.						
	Quantity vide AS per E-Bill:- 8.06 m^3					CRs. 6493.30	52336.00
(11)	Providing Flush/Ruled pointing: pointing on stone coork with Cement mortar 1:3 (1 cement:3 fine Sand) after raking joints to depth nicely lining. including cost of materials, labour, curing as per Specifications.						
	Quantity vide AS per E-Bill:- 35.82 m^2					CRs. 218.90	7841.00
(12)	Providing and laying in Position Reinforced Cement Concrete for all Sub Structures of building. irrigation works, Sub						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586825

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Structure works of bridges etc as per Specifications.						
	Quantity vide AR per E-Bill:- 22.03 m^3 @ Rs. 711850						1,56,820.56
(13)	Providing and laying in position Reinforced Cement Concrete for all Super structures of building. Road works, water works, irrigation works & Super structure works of bridges upto 3.500m height. etc as per Specifications.						
	Quantity vide AR per E-Bill:- 1.84 m^3 @ Rs. 7485.06						13,772.57
(14)	Lintels over partition wall.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, AR per E-Bill:- 1.16 m³				9472.00	
					CRS. 8165.52		
(15)	Roof slab.						
		Quantity vide, AR per E-Bill:- 7.80 m³				63,691.06	
					CRS. 8165.52		
(16)	Beams.						
		Quantity vide, AR per E-Bill:- 3.10 m³				25,313.11	
					CRS 8165.52		
(17)	Providing and laying in position plain cement Concrete for levelling Course for all works in foundation. The granite/						

M. A. R. 57 (Rule 116)
Measurement Book

No. E

586826

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trap/ basalt Gutted as per relevant IS Codes as per Specifications.	graded Coarse aggregates and fine aggregates machine mixed. etc as per Specifi					
		Quantity vide AS per E-Bill:-				56.89 m^3	3,47,563.77
						CRs. 6109.40	
(18)	Providing Thermo-mechanically Treated bars of grade Fe-550 steel reinforcement for RCC work including cutting bending. placing in position etc as per Specification.						
		Quantity vide AS per E-Bill:-				3909.70 Kgs	4,12,863.79
						CRs. 105.60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(19) Providing and Constructing load bearing wall with Solid Con Crete blocks of size 400 x 200 x 200 mm having block density not less Than 1800 kg/mm^3 having a minimum average Compressive strength 5.00 N/mm^2 Confirorming to IS 2185 (part-I):2005 etc as per Specifications.						
	Quantity vide As per E-Bill:-					106.63 m^2	
	CRS. 1315.60						1,40,282.43
	(20) Providing and Constructing non-load bearing wall with Solid Concrete blocks of size 400 x 100 x 200 having a block density not less Than 1800 kg/mm^3 having a minimum average Compressive strength of 4.00 N/mm^2 etc as per Specifications						
	Quantity vide As per E-Bill:-					69.80 m^2	
	CRS. 1034.00						72173.20

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....

586827

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(21)	Providing and Constructing load bearing wall with Solid Concrete blocks of size 400 X 150 X 200 mm having block density more than 1800 kg/m³ and minimum Compressive strength of 4.00 N/mm² class per Specifications. Quantity vide As per E-Bill:- 35.52 m² CRS. 1167.10					41455.39	
(22)	Providing 18 mm Cement plaster in two Coats under layer 12 mm Thick Cement plaster with Cement mortar 1:5 (1 Cement :5 Coarse Sand) and top layer 6 mm Thick Cement plaster with Cement mortar 1:3 class per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, As per E-Bill:-				+265.62 m²	
						CRS. 354.20	94,082.60
(23)	Providing 12mm Thick Cement plaster in Single Coat with Cement mortar 1:4, to brick masonry including rounding off Corners wherever required Smooth rendering etc. As per Specifications.						
		Quantity vide, As per E-Bill:- 102.54 m²					
						CRS. 288.20	29,552.03
(24)	Providing rough Cement plastering 15mm Thick in first Coat with Cement mortar 1:4 to brick masonry for base of dadooing works with Sand of approved quality etc.						
	Per Specifications.						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586823

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide As per E-Bill: 136.80 m²					44,241.12
		CRS. 323.40					
(25)	Providing and applying white Cement based putty of average Thickness 1mm, of approved brand and manufacture, over the plastered wall Surface to prepare the Surface even and Smooth Complete as per Specifications.						
		Quantity vide As per E-Bill: - 102.54 m²					9361.90
		CRS. 91.30					
(26)	Painting with Synthetic enamel paint of approved brand an						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	manufacture to give an even shade. Two Coats on raw work after thoroughly brooming the surface to remove all dirt, dust, etc as per Specifications.						
	Quantity vide As per E-Bill:- 44.64 m²						
					@Rs. 99.00		4419.36
(27)	Providing external walls with texture finish using approved brand paint, applied uniformly in three Coats over one Coat of primer including cost of all materials machinery labour/ transportation etc as per Specifications.						
	Quantity vide As per E-Bill:- 265.62 m²						
					@Rs. 145.20		38565.44

M. A. R. 57 (Rule 116) No. E
Measurement Book

586829

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(28)	Providing and laying 52mm thick cement concrete flooring with concrete hardner topping, under layer 40mm thick cement concrete 1:2:4 etc as per Specifications. Quantity vide A8 per E-Bill:- 41.52m² CRS. 775.50					32198.76	
(29)	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS:15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except buff, gundy, bottle green etc as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, As per E-Bill:-					43.17 m²
						@Rs. 682.00	29,441.94
(30)	Providing & fixing, dadooing risers of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement & slurry over existing rough plaster surface using glazed tiles of approved make and size; including cost of materials, labour, complete as per Specifications.						
		Quantity vide, As per E-Bill:-					171.66 m²
						@Rs. 1045.65	1,79,496.25
(31)	Providing and laying heavy duty cobble stones 75 mm						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 586830

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Thick interlock pavers, using Cement and Course Sand for manufacture of blocks of approved size, shape and colour with an minimum Compressive strength of 28 kg per cm² over 50 mm Thick Sand bed (average Thickness) etc as per Specifications.						
	Quantity vide, As per E-Bill:- 379.					25 m²	
						CRS. 600.00	2,27,550.00
(32)	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for hold fasts for embedding holdfast in cement Concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1:3:6 of 20mm and down Size granite metal Painting two coats of Coal tar to Sides of frame ckd as per Specifications. Quantity vide, As per E-Bill:- 3.00 Nos @RS. 1633.50						4900.50
(33)	Providing Hoome wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves ckd as per Specifications. Quantity vide, As per E-Bill:- 0.23 m^3 @RS. 99432.30						22,909.20
(34)	Providing and fixing in position fully panelled Hommwood						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586831

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	shutters for doors with bottom and lock rails and stiles and rails of 35mm thick with rails 180mm wide top rail and stiles 100mm wides per drawing & as per Specifications. Quantity vide A/c per E-Bill:- 5.67 m^2 CRS. 5352.60						30349.24
(35)	Providing and fixing fiber glass reinforced plastic (FRP) Door frames of Gross-Section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm Thickness & as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide AB per E-Bill :- 57.00 mtr				CRs. 694.10	39,563.70
(36)	Providing and fixing to existing door frames, 30mm Thick glass fiber reinforced plastic (FRP) panelled door Shutter of required colour and approved brand and manufacturers per Specifications.						
		Quantity vide AB per E-Bill :- 15.75 m^2				CRs. 3437.50	54,140.63
(37)	Painting wood work with Deluxe multi Surface paint of required Shade. Two Coat applied @ 0.90 Ltr/10 mm^2 over an under Coat of primer applied @ 0.75 Ltr/10 mm^2						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586832

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	approved brand and manufacture to give an even shade including preparing the surface etc as per Specifications. Quantity vide, As per E-Bill:- 1.80 m² CRS. 115.50						207.90
	(38) Providing & fixing of louvered ventilator made out of multi chambered upvc (matching to RAL-9016) Sections and with minimum TiO2 (Titanium Dioxide) at GPHR with TPE etc as per Specifications. Quantity vide, As per E-Bill:- 4.95 m² CRS. 5259.60						26035.02

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(39) Providing and fixing ms grills of required pattern in frames of windows etc with ms flats, square or round bars etc as per Specifications.						
		Quantity vide, As per E-Bill:- 512.40 Kgs				@Rs. 75.00	38,430.00
	(40) painting steel work with Deluxe multi Surface paint to give an even shade. Two Coat applied @0.90 ltr/10m² over an under Coat of primer applied @0.80 ltr/10m² of approved brand and manufacture etc as per Specifications.						
		Quantity vide, As per E-Bill:- 4.95 m²				@Rs. 116.60	577.17
	(41) Construction of embankment by excavating the available						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. 586833

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	approved Gravel/ordinary excavation deposited at a place on borrow pits during or prior excavation with all lifts and lead, thanks Portations etc as per Specifications. Quantity vide, As per E-Bill:- 20.30 m^3 CRS.446.60						9065:98
42	Providing and laying water proofing treatment to the water tanks & liquid retaining structures with two Component acrylic polymer modified cementitious water proofing etc as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide AS per E-Bill:- 30.48 m²					
		CRS. 500.50					15,256.49
(43)	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72x72x4.8mm Sq. GI pipe frame with top pipe bending in heavy duty hydraulic press with Sand packing etc as per Specifications.						
		Quantity vide AS per E-Bill:- 3.99 m²					
		CRS. 12475.00					49,775.25
(44)	Providing and placing on terrace (out all floor levels), polythylene water storage tanks as per IS 12701 moulded, with Cover and						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

586834

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Suitable locking arrangements and making necessary holes for inlet, outlet and over flow pipes etc as per Specification. Quantity vide AS per E-Bill:- 2000.00 Ltr CRS. 8.80					17,600.00	
(45)	Supply and delivery of Centrifugal Pumpset ost Site brand new best make and with discharge duty confirming to ISI Standards and its latest ammendments 2 HP, size 50X40 Head 22m etc as per Specifications. Quantity vide AS per E-Bill:- 1.00 NO CRS. 19217.00					19217.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(46) Providing and fixing white vitreous china pedestal type water closet (European type wc pan) with seat and lid. 10 Litre low level white pvc flushing cistern, including flush pipe etc as per Specifications.						
		Quantity vide, As per E-Bill:-				8.00 Nos @ Rs. 4428.60	35,428.80
	(47) Providing and fixing white vitreous china flat back on wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265 mm size respectively with automatic flushing cistern with standard flush pipe and c.p brass spreaders etc as per Specifications.						
		Quantity vide, As per E-Bill:-				8.00 Nos @ Rs. 3889.60	31,116.80

M. A. R. 57 (Rule 116) **No. E** 586835

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
48	PTMT grating 100mm dia.	Quantity vide, As per E-Bill:- 18.00 nos @Rs. 17.60					316.80
49	white vitreous china flat back wash basin size 550 x 400 mm.	Quantity vide, As per E-Bill:- 4.00 nos @Rs. 605.00					2420.00
50	Providing and fixing brass bib cock of approved quality, 20mm nominal bore.	Quantity vide As per E-Bill:- 18.00 nos @Rs. 379.50					6831.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(51) Providing and fixing brass stop cock of approved quality. 20mm nominal bore cheap per Specifications.						
		Quantity vide, As per E-Bill:-				6.00 Nos @ Rs. 379.50	2277.00
	(52) Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20mm nominal bore cheap per Specifications.						
		Quantity vide, As per E-Bill:-				6.00 Nos @ Rs. 396.00	2376.00
	(53) Rectangular shape 1500X450 mm mirror with plastic coated -ed frame.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586836

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	(54) Providing and fixing chorinated poly vinyl chloride (cpvc) pipes confirming to IS 15778, having Thermal Stability for hot and cold water supply including all cpvc plain and brass Threaded fittings etc as per Specifications.	Quantity vide As per E-Bill:-	2.00	Nos	1474.00	
		@Rs. 737.00				
		Quantity vide As per E-Bill:-	40.00	mtr	16,412.00	
		@Rs. 410.30				
	(55) Providing and fixing on wall face unplasticised rigid pvc rain water pipes Confirming to IS: 13592 Type A etc as per Specifications.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, As per E-Bill:- CRS. 278.30					24.00 mtr 6679.20
(56)	open conduit System, ---mm Thick Confirming to IS 2509 with Suitable Size bends, junction boxes, adhesive paste etc as per Specifications.	Supplying heavy guage pvc conduit pipe...					
		Quantity vide, As per E-Bill:- CRS. 68.00					70.00 mtr 4750.00
(57)	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm Thick wood after duct groove cutting, finishing with necessary cement as per Specifications.						plastering etc

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586837

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, AS per E-Bill:- 4.00 NOS @RS. 75.00				300.00	
(58)	Supplying and wiring adopting loop system in existing PVC Conduit/ casing capping using 2X1.5 sqmm (phase & neutral) & 1X1.0 sqmm (Earthwire) FRLS multi stranded PVC insulated etc as per Specification. (Short point upto 3.00 mtr).						
		Quantity vide, AS per E-Bill:- 1.00 NO @RS. 276.00				276.00	
(59)	Supplying and wiring adopting loop system in existing PVC Conduit/ casing capping using 2X1.5 sqmm (phase & neutral) & 1X1.0 sqmm (Earthwire) FRLS multi stranded PVC insulated etc as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(mediumm point above 3mm switch.)	3mm upto 6mm from tapping point to outlet					
		Quantity vide AR per E-Bill:- 1.00 NO @Rs. 386.00					386.00
(60)	Supplying and wiring Casing Capping (3ing wire) FRLS multi stranded (Long point above 6mm switch).	adopting loop system in existing PVC Conduit 2×1.5mm² (phase & neutral) & 1×1.0mm² (E) PVC insulated etc as per Specification upto 10mtrs from tapping point to outlet					
		Quantity vide AR per E-Bill:- 4.00 NOS @Rs. 567.00					2265.00
(61)	Supplying GA flush type Socket and GA flush type SP switch						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586838

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Surface/ flush mounting in existing gang box or in 4 mm thick plastic sheet and fixing over a flush mounted wooden etc as per Specification						
	Quantity vide, As per E-Bill:- 1.00						143.00
	@Rs. 143.00						
(62)	wiring for lighting/ power Circuit using one of FRLS PVC insulated 1100V grade, multistranded copper wire with low Conductor resistance Single Core in open or Concealed System etc as per Specifications. (1.5 Sq						
	Quantity vide, As per E-Bill:- 80.00 mtr						2080.00
	@Rs. 26.00						
(63)	wiring for lighting/ power Circuit using one of FRLS PVC insulated						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1100V grade, multistrand Copper wire with low Conductor resistance Single Core in open or Concealed Systems etc as per Specification. (2.5 Sqmm).						
			Quantity vide AS per E-Bill:-			30.00 mtr	
					@Rs. 40.00		1200.00
(64)	wiring for lighting/power Circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper wire with low Conductor resistance Single Core in open or Concealed Systems etc as per specification. (4Sqmm).						
			Quantity vide AS per E-Bill:-			160.00 mtr	
					@Rs. 59.00		9440.00
(65)	Supplying 4mm thick plastic sheet with necessary switches						

M. A. R. 57 (Rule 116) No. E 586839

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for fixing Switches, regulators etc, and fixing on existing wooden on metal box using M.S. Screws. Quantity vide, As per E-Bill :- 1500 @Rs. 0.29					Sq. cm	435.00
	(66) Supplying & fixing retrofit type-PL-LED Lamp---WLED linear Source with CCT 6500 degree K. CRI > 70% efficacy > 80 lumen per w, life > 25000 burning hours and Compliance as per Specification Quantity vide, As per E-Bill :- 3.00 @Rs. 691.00					Nos	2073.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(67) Supplying and fixing of T5 fluorescent Tube with 14W power Consumption with low 3mg mercury Content & below 40% glass Content than T8 lamp & 20% less phosphor Coating than T8 with initial lumens on 1350 cleans per Specification. Quantity vide, As per E-Bill:- 5.00 Nos @RS. 132.00						660.00
	(68) Supply and fixing than 15mm thick pieces and fixing ted wooden plugs & Screws polished wood board made of mat.less plank on both sides of not worse than 2 the same to the wall using tapered 20" x 20" x 2.5" cleans per Specification Quantity vide, As per E-Bill:- 4.00 Nos @RS. 315.00						1260.00

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586840

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(69)	Supplying & fixing of porcelain fuse channel with wooden/panel using necessary nuts, bolts etc as per Specifications.	Quantity vide	AS per E-Bill:-			6.00 nos	Cut out on existing 1200.00
						CRS. 200.00	
(70)	Supplying of on load change over Switches 4poles, Ac-23A Duty, 415V, 50Hz, Ac Supply (open execution) upto 63A etc as per Specifi	Quantity vide	AS per E-Bill:-			1.00 nos	5185.00
	tions.					CRS. 5185.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(71) Supplying & fixing miniature Circuit breakers on existing MCB distri-bution boards using necessary fixing materials and 'C' Type Curve, indicator ON/OFF etc as per specifications.						
		Quantity vide AS per E-Bill:- 1.00 NO					2399.00
						@Rs. 2399.00	
	(72) Supplying & fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type Curve, indicator ON/OFF etc as per specifications.						
		Quantity vide AS per E-Bill:-3.00 NO's					5331.00
						@Rs. 1777.00	
	(73) Supplying fixing and wiring electronic Trivector meter (ETV) 32/63A Three phase 4 wire wbelb Current class-1 accuracy						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586841

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	energy meter etc as per Specifications. Quantity vide, As per E-Bill:-1.00 NO CRS. 5125.00						5125.00
(74)	Supplying fixing wiring earth electrode for grounding Conduits, Ic cutouts and other equipments on the meter board using 40mm dia 2.9 Thick GI pipe 2.5 mtrs long buried in a pit. etc as per Specifications. Quantity vide, As per E-Bill:-3.00 NOs CRS. 2999.00						8997.00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(75)	Supplying and running of GI/Copper strips for grounding Connections using necessary fixing materials as required GI strip 25x3 mm class per Specifications. Quantity vide, As per E-Bill!					CRS. 75.00	22.00 mtr 1650.00
(76)	Supplying of LTUG Cable having aluminium Conductor pvc insulation sheathed, galvanised, steel wire/steel tape armoured Cable with pvc outer sheating 1.1 KV class class as per Specifications Quantity vide, As per E-Bill!					CRS. 150.00	35.00 mtr 5250.00
(77)	Labour charges for laying of 1.1 KV class UG Cable, other						

M. A. R. 57 (Rule 116) No. E 586842
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Supplied agency ion existing trench GI pipe / stoneware pipe/on wall/ on poles required etc as per Specification. Quantity vide, As per E-Bill:- 40.00 mtr CRS. 11.88						475.20
78	Digging of trench of 0.6mm deep x 0.5 mm wide refilling the trench to the required ground level and consolidating etc complete as per Specification. Quantity vide, As per E-Bill:- 25.00 mtr CRS. 76.00						1900.00
79	Supplying and fixing of class A (medium duty) GI pipe of wall thickness						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	not less than 3.25mm on pole/ wall/ drain clamping arrangement for UG Cable of 1.1 KV class etc as per Specifications.					Grossing with necessary	
		Quantity vide AS per E-Bill:-				5.00 mtr	1675.00
						CRS. 335.00	
(80)	Supplying & fixing LT Cast iron pot heads Suitable for 1.1 KV class UG Cable filled with necessary bitumen/insulating Compound complete with terminals, clamps, bolts, nuts and washers etc Per Specifications.						
		Quantity vide AS per E-Bill:-				2.00 Nos	540.00
						CRS. 270.00	

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586843

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
(81)	Providing BESCOM deposits excluding ESCOM 3 phase energy meter for 10 HP 3 phase power supply under LT-5 tariff. etc as per Specifi Cations.	Quantity vide, As per		E-Bill:- 1.00 NO CRS. 10,000.00		10,000.00
			Add 18%	Total RS:- of GST RS:-		30,68,453·85 5,52,321·69
			Grand	Total RS:-		36,20,775·55

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲೇಶ್ವರ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೆ.ಮ.ಇ.ಸ. ಬೆಂಗಳೂರು-106

22/05/2023.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:-						
	1) Certified that the above work done is Satisfactory Completed.						
	2) Certified that the debries have been cleared to Site.						
	Bommy/AE						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586841

Serial No. .....

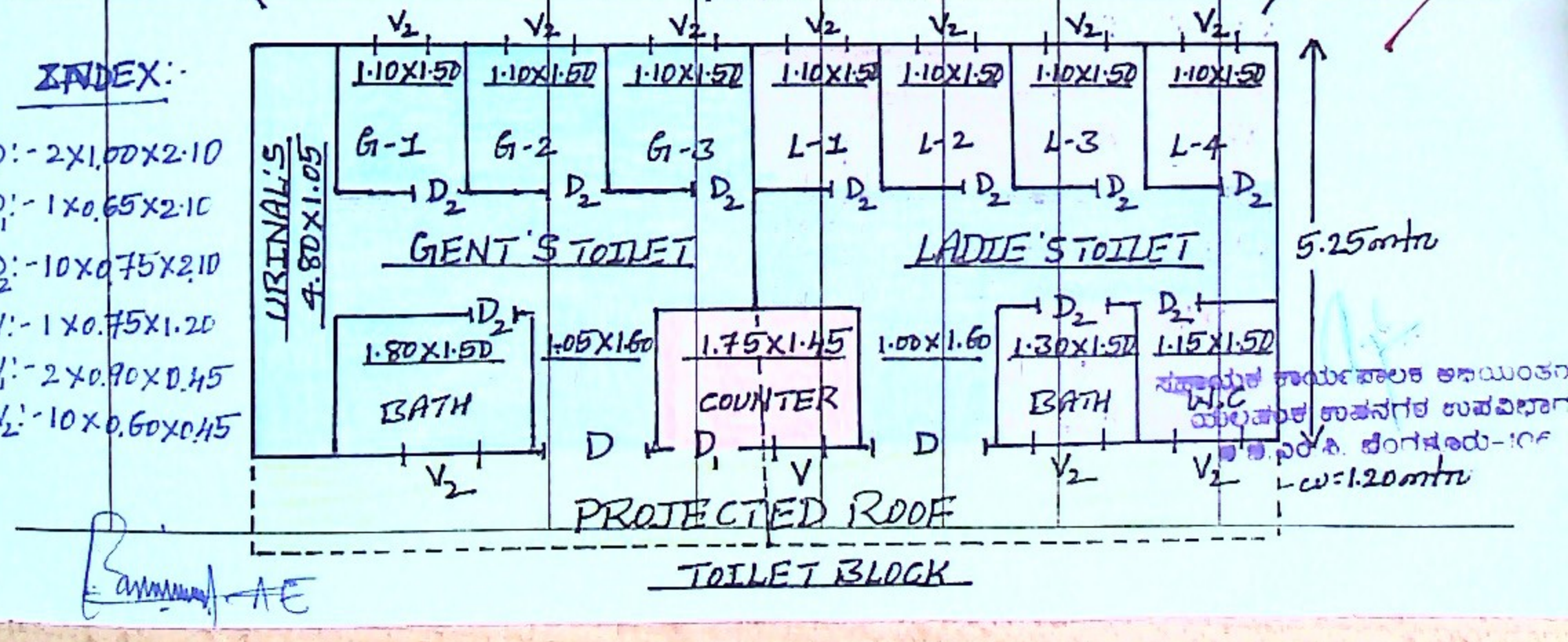
Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

L=10.10 mtr



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and 2 Final bill				Job Code : 004-23-000006		
					SBR No : 60/23-24		
					Dt : 6-11-2023		

Gross Amt =Rs	36,20,000=00
FSD =Rs	—
CGST = Rs	30678=00
SGST = Rs	30678=00
IT = Rs	36200=00
LC = Rs	36200=00
CBF = Rs	3620=00
Royalty =Rs	35000=00
T.D. = Rs	172376=00
Net Amt=Rs	3447624=00

Audited & Admitted for Rs 36,20,000=00

34,47,624=00 by Cheque

and Rs 1,72,376=00 by adjusement

21/11

Assistant Engineer
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP